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State of Utah

DEPARTMENT OF NATURAL RESOURCES

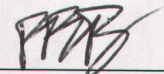
MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Minerals Inspection Report

Report Date: 8/24/2016

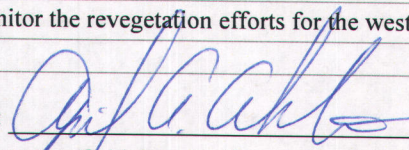
Reviewed 

Mine Name: Nielson Limestone Mine	Permit Number: S/49/0052	Mine Status: Active
Operator Name: Nielson Construction	Inspection Date: 8/23/2016	Permit Fees: Paid
Inspector(s): A. Abate	Inspection Time: 10:30 AM	Bond Amount: \$55,100
Attendee(s): Wayne McCandless, Operator	Weather: Clear 80s	Bond Escalation: 9/7/2015
Inspection Purpose: Routine Inspection		Prior Inspection:

Conclusions and Recommendations

Nielson is interested in keeping the permit under 10 acres as a small mine. The operator has recently had the site sprayed for noxious weeds to control the amount of musk thistle on the mine property. Weed control appears to be effective with only very minor amounts of musk thistle present on the permit area. Will continue to monitor the revegetation efforts for the west side reclaimed area to determine if the Russian Thistle has died off.

Elements of Inspection	Evaluated & Commented	Enforcement
1. <i>Permits, Revisions, Transfer, Bonds</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Nielson Construction was recently acquired by Staker Parsons Company. As a result, the permit is currently in the process of transferring over to Staker and a replacement surety bond is currently in the works.		
2. <i>Public Safety (shafts, adits, trash, signs, highwalls)</i>	<input type="checkbox"/>	<input type="checkbox"/>
3. <i>Protection of Drainages/Erosion Control</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Culvert near the gate was inspected. A small amount of sediment was spilling out on the west side but otherwise it was clear and water could easily pass through.		
4. <i>Deleterious Material</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
None present		
5. <i>Roads (maintenance, surfacing, dust control, safety)</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The dirt road into the mine was properly maintained.		
6. <i>Reclamation</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
West side of mine has been ripped and seeded in the fall of 2015. The three acres that were reclaimed on the west side of the permit area was completely covered in Russian Thistle. Although this is not ideal, Russian thistle acts as a nurse crop to control erosion and will eventually die off allowing the native vegetation in the seed mix to take hold.		
7. <i>Backfilling/Grading (trenches, pits, roads, highwalls, shafts)</i>	<input type="checkbox"/>	<input type="checkbox"/>
8. <i>Soils</i>	<input type="checkbox"/>	<input type="checkbox"/>
9. <i>Revegetation</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Continue to monitor the revegetation efforts for the west side reclaimed area to determine if the Russian Thistle has died off.		
10. <i>Other</i>	<input type="checkbox"/>	<input type="checkbox"/>

Inspector's Signature: 

CC: Wayne McCandless, waynemc@nielsonconstruction.com
Andy Beddingfield, abeddingfield@utah.gov
Peggy Kelsey, Utah County, Peggyk@utahcounty.gov

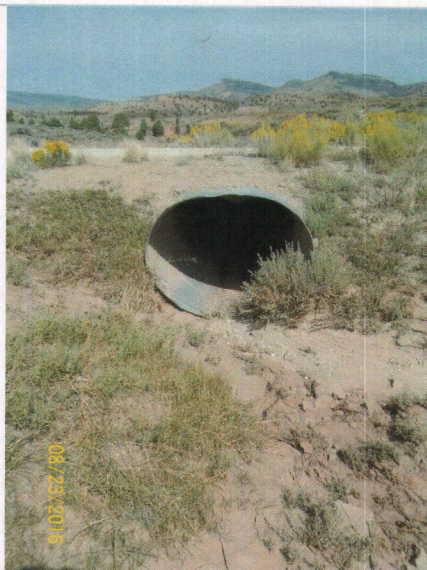
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Western portion of the mine dominated by Russian Thistle



Minor amounts of musk thistle were observed.



Culvert near the entrance was clear.



Overview of the mine site looking east.



Nielson Limestone Pit located off Emma Park Road off of Highway 6 along the Utah/Carbon County border. The western portion of the permit area was ripped and seeded in 2015 to keep the permit under 10 acres.